

ExxonMobil™ PP7694E2

Polypropylene Impact Copolymer

ExxonMobil Chemical

Message:

A copolymer resin with high crystallinity and medium impact strength, with medium melt flow rate and excellent processing performance. It is suitable for occasions that require resistance to long-term thermal aging and excellent component appearance.

General Information			
UL YellowCard	E31790-230761		
Features	Low warpage		
	Rigidity, high		
	Impact resistance, high		
	Workability, good		
	Good thermal aging resistance		
	Good coloring		
Uses	Electrical appliances		
	Home appliance components		
	Consumer goods application field		
Appearance	Natural color		
Forms	Particle		
Processing Method	Composite		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	19	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	24.5	MPa	ASTM D638
Tensile Elongation ² (Yield)	5.0	%	ASTM D638
Flexural Modulus - 1% Secant			
-- ³	1300	MPa	ASTM D790A
-- ⁴	1460	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	170	J/m	ASTM D256A
Dart Drop Impact ⁵ (-29°C, 3.18 mm)	21.8	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648
Legal statement			

未经埃克森美孚化工书面允许,这种产品包括其产品名称,不得在任何医疗应用领域予以使用或本产品不宜在与食品接触的应用中使用.

NOTE

1.	51 mm/min
2.	51 mm/min
3.	1.3 mm/min
4.	13 mm/min
5.	Geometry GC

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